**IMPLEMENTATION:**

**MODULES:**

* ML User
* Admin

**MODULES DESCRIPTION:**

**Admin:**

The Admin module allows administrators to manage the system and its users. The Admin can perform the following tasks:

* Create and manage users: The Admin can create new ML User accounts, update existing accounts, and delete accounts.
* Manage models: The Admin can monitor the performance of deployed models and update them as needed.
* Manage system resources: The Admin can ensure that the system has enough resources to run smoothly and efficiently.

Example

Here is an example of how the ML User and Admin modules might be used in a quantum machine learning system for diabetes prediction:

1. A ML User uploads a dataset of patients with diabetes and non-diabetes to the system.
2. The ML User selects the features that they want to use for diabetes prediction.
3. The ML User trains a quantum machine learning model on the selected features.
4. The ML User evaluates the trained model on a held-out test set.
5. If the model performs well, the ML User deploys it to production for diabetes prediction.
6. The Admin monitors the performance of the deployed model and updates it as needed.

**Machine learning User**:

The ML User module allows users to interact with the system to perform the following tasks:

* Upload data: Users can upload datasets of patients with diabetes and non-diabetes to the system.
* Select features: Users can select the features that they want to use for diabetes prediction.
* Train models: Users can train quantum machine learning models on the selected features.
* Evaluate models: Users can evaluate the trained models on held-out test sets to assess their performance.
* Deploy models: Users can deploy the trained models to production for diabetes prediction.